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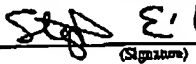
APR 8 2005

Atty. Dkt. No.: SALK1590-3 (088802-2454)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Heinemann et al.
Title: NEURONAL NICOTINIC
ACETYLCHOLINE RECEPTOR
COMPOSITIONS
Appl. No.: 09/580,462
Filing Date: 5/26/2000
Examiner: John D. Ulm
Art Unit: 1646
Conf. No. 2034

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Stephen E. Reiser, Reg. No. 31,192
(Printed Name)

(Signature)
April 8, 2005
(Date of Deposit)

AMENDMENT AND REPLY UNDER 37 CFR 1.116

Mail Stop AF
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

This communication is responsive to the Final Office Action dated February 3, 2005, concerning the above-referenced patent application.

Amendments to the Claims are reflected in the Listing of Claims which begins on page 2 of this communication.

Remarks begin on page 4 of this document.



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Total # of Pages 13 (including this page)

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| Examiner J. Ulm, Group Art Unit 1646 Commissioner for Patents | (571) 272-0880 | (703) 872-9306 |

| |
|---|
| From : Stephen E. Reiter <i>SR</i> |
| Email Address : sreiter@foley.com |
| Sender's Direct Dial : 858.847.6711 |
| Date : April 8, 2005 |
| Client/Matter No : SALK1590-3 (088802-2454) |
| User ID No : 1877 |

MESSAGE:

Re: U.S. Patent Application No. 09/580,462

Following are:

- 1) Amendment Transmittal (3 pgs.)
- 2) Amendment and Reply Under 37 CFR 1.11 (9 pgs.)

If there are any problems with this transmission or if you have not received all of the pages, please call 858.847.6700.

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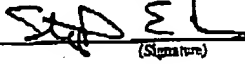
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Examiner: J. Ulm

Art Unit: 1646

| |
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| CERTIFICATE OF FACSIMILE TRANSMISSION I hereby certify that this paper is being facsimile transmitted to the United States Patent and Trademark Office, Alexandria, Virginia on the date below. Stephen E. Reiter (Printed Name)  (Signature) April 8, 2005 (Date of Deposit) |
|---|

AMENDMENT TRANSMITTAL

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Transmitted herewith is an amendment in the above-identified application.

☐ Small Entity status under 37 C.F.R. § 1.9 and § 1.27 has been established by a previous
assertion of Small Entity status.

☒ The fee required for additional claims is calculated below:

| | Claims As Amended | | Previously Paid For | | Extra Claims Present | | Rate | | Additional Claims Fee |
|--|-------------------------|---|------------------------|---|----------------------------|---|----------|---|--------------------------|
| Total Claims: | 8 | - | 27 | = | 0 | x | \$50.00 | = | \$0.00 |
| Independent Claims: | 3 | - | 14 | = | 0 | x | \$200.00 | = | \$0.00 |
| First presentation of any Multiple Dependent Claims: | | | | | | + | \$360.00 | = | \$0.00 |
| CLAIMS FEE TOTAL | | | | | | | | | = \$0.00 |

In re application of
Heinemann et al.
Application No.: 09/580,462
Page 2 of 3

Atty. Dkt. No. SALK1590-3 (088802-2454)

- ☐ Applicant hereby petitions for an extension of time under 37 C.F.R. §1.136(a) for the total number of months checked below:

| | | |
|--|------------|--------|
| <input type="checkbox"/> Extension for response filed within the first month: | \$120.00 | \$0.00 |
| <input type="checkbox"/> Extension for response filed within the second month: | \$450.00 | \$0.00 |
| <input type="checkbox"/> Extension for response filed within the third month: | \$1,020.00 | \$0.00 |
| <input type="checkbox"/> Extension for response filed within the fourth month: | \$1,590.00 | \$0.00 |
| <input type="checkbox"/> Extension for response filed within the fifth month: | \$2,160.00 | \$0.00 |
| EXTENSION FEE TOTAL: | | \$0.00 |
| <input type="checkbox"/> Statutory Disclaimer Fee under 37 C.F.R. 1.20(d): | \$130.00 | \$0.00 |
| CLAIMS, EXTENSION AND DISCLAIMER FEE TOTAL: | | \$0.00 |
| <input type="checkbox"/> Small Entity Fees Apply (subtract 1/2 of above): | | \$0.00 |
| TOTAL FEE: | | \$0.00 |

- ☐ Please charge Deposit Account No. 50-0872 in the amount of \$0.00. A duplicate copy of this transmittal is enclosed.

- ☐ A check in the amount of \$0.00 is enclosed.

- ☒ The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 C.F.R. §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 50-0872. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 50-0872. If any extensions of time are needed for timely acceptance of papers submitted herewith, applicant hereby petitions for such extension under 37 C.F.R. §1.136 and authorizes payment of any such extensions fees to Deposit Account No. 50-0872.

In re application of
Heinemann et al.
Application No.: 09/580,462
Page 3 of 3

Atty. Dkt. No. SALK1590-3 (088802-2454)

Please direct all correspondence to the undersigned attorney or agent at the address indicated below.

Respectfully submitted,

Date: April 8, 2005

By



FOLEY & LARDNER LLP
Customer Number: 30542
Telephone: (858) 847-6711
Facsimile: (858) 792-6773

Stephen E. Reiter
Attorney for Applicant
Registration No. 31,192